

**SYSTEM AND METHOD FOR AUTOMATING INTEGRATION OF  
SEMICONDUCTOR WORK IN PROCESS UPDATES**

**ABSTRACT OF THE DISCLOSURE**

WIP status updates, as received from semiconductor manufacturing suppliers, is converted to transactions. In one approach, supply chain events, for example lot splits, lot merges, and lot scrap, are identified based on previous lot statuses and current lot statuses from the WIP status update. Identified events are interpreted as transactions, which can be used to interface with a transactional system such as an ERP system.